

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard, P.E.

GENERAL INFORMATION:

Name:	Continental Crushing and Conveying
Address:	Continental Drive, Salyersville, KY 41465
Date application received:	06/23/2008
SIC/Source description:	3535, Conveyors and Conveying Equipment
Source ID #:	21-153-00026
Source A.I. #:	2870
Activity #:	APE20080002
Permit number:	F-06-029 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	1.53	6.65	N/A
SO ₂	0.0006	0.004	N/A
NO _x	0.80	5.98	N/A
CO	0.13	1.02	N/A
VOC	55	139	90
Tert-butyl acetate (CAS No. 540-88-5)*	13	33	N/A
Individual HAPs			
Chromium Compounds	0.00008	0.0007	N/A
Cobalt Compounds	0.00008	0.0004	N/A
Ethyl Benzene (CAS No. 100-41-4)	0.545	1.03	N/A
Manganese Compounds	0.024	0.128	N/A
Nickel Compounds	0.00008	0.0004	N/A
Toluene (CAS No. 108-88-3)	3.63	9.08	9.0
Xylenes (CAS No. 1330-20-7)	2.36	3.63	N/A
Source wide HAPs	6.56	16.47	N/A

* Tert-butyl acetate is identified in 40 CFR 51.100(s)(5) as being a VOC for purposes of all record keeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC. The regulation specifies that tert-butyl acetate shall be uniquely identified in emission reports. The regulation further specifies that tert-butyl acetate is not a VOC for purposes of VOC emissions limitations or VOC content requirements. Kentucky adopted the Federal VOC definition into its regulations on November 8, 2006.

SOURCE DESCRIPTION:

Continental Crushing and Conveying, located in Salyersville, Kentucky, manufactures conveyor equipment. The steps of the manufacturing process at the facility are metal working operations, welding operations and surface coating operations. Refer to Statement of Basis for further details.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility will be subject to emission caps of ninety (90) tons per rolling twelve-month period for VOC and nine (9) tons per rolling twelve-month period for individual HAP. Refer to Statement of Basis for further details.